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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/857,382	07/23/2001	Hidefumi Fujimoto	KNI-152-A	4726

21828 7590 05/15/2003

CARRIER BLACKMAN AND ASSOCIATES  
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SUITE 100  
NOVI, MI 48375

EXAMINER

PIZIALI, ANDREW T

ART UNIT	PAPER NUMBER
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1775

DATE MAILED: 05/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

AS-15

**Advisory Action**

Application No.

09/857,382

Applicant(s)

FUJIMOTO ET AL.

Examiner

Andrew T Piziali

Art Unit

1775

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 14 April 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY** [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
- ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
  - (b) ☐ they raise the issue of new matter (see Note below);
  - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_

3. ☒ Applicant's reply has overcome the following rejection(s): The 35 U.S.C. 112, first paragraph rejection.
4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

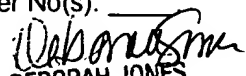
Claim(s) allowed: \_\_\_\_\_

Claim(s) objected to: \_\_\_\_\_

Claim(s) rejected: 1,3-10 and 12-20.

Claim(s) withdrawn from consideration: \_\_\_\_\_

8. ☐ The proposed drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s).
10. ☒ Other: Notice of References Cited

  
DEBORAH JONES  
SUPERVISORY PATENT EXAMINER

Continuation of 5. does NOT place the application in condition for allowance because:

Applicant's arguments were not persuasive.

In response to applicant's argument that the applied prior art does not teach a tin oxide layer with a rutile structure, the examiner respectfully disagrees. Tada (column 4, lines 50-54) and Komatsu (column 5, lines 16-40) both disclose that the photocatalytic layer may be deposited by CVD. USPN 6,027,766 to Greenberg discloses that CVD deposited tin oxide layers have a rutile (cassiterite) structure. Therefore, the examiner asserts that the tin oxide layers taught by the applied prior art have a rutile structure.

For the purposes of appeal, claims 1, 3-7, 9-10 and 12-20 would be rejected under 35 U.S.C. 103(a) as being unpatentable over USPN 6,379,776 in view of USPN 5,854,708 and claim 8 would be rejected under 35 U.S.C. 103(a) as being unpatentable over USPN 6,379,776 in view of USPN 5,854,708 and further in view of USPN 5,605,609. Claims 14-20 would be rejected under 35 U.S.C. 112, second paragraph, for depending on previously cancelled claim 2.

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5/2/03